

O I P E
APR 05 2004
PATENT & TRADEMARK OFFICE

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PTO/SB/01A (10-00)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHODS AND SYSTEMS FOR EXTENDED IN VITRO CULTURE OF NEURONAL CELLS
---------------------------	---

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- The attached application, or
 Application No. 10/618,076, filed on July 11, 2003,
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

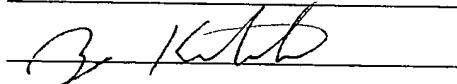
I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Ryo Kubota Citizen of: Japan

Signature:  Date: Sep. 2, 2003

Inventor two: Thomas A. Reh Citizen of: United States

Signature: _____ Date: _____

Inventor three: Andrew J. Fischer Citizen of: Canada

Signature: _____ Date: _____

Inventor four: _____ Citizen of: _____

Signature: _____ Date: _____

Additional inventors are being named on _____ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Docket No. 100118.401

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHODS AND SYSTEMS FOR EXTENDED IN VITRO CULTURE OF NEURONAL CELLS		
<p>As the below named inventor(s), I/we declare that:</p> <p>This declaration is directed to:</p> <p>The attached application, or</p> <p><input checked="" type="checkbox"/> Application No. <u>10/618,076</u>, filed on <u>July 11, 2003</u>,</p> <p>as amended on _____ (if applicable);</p> <p>I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;</p> <p>I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;</p> <p>I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and</p> <p>All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.</p>			
FULL NAME OF INVENTOR(S)			
Inventor one:	<u>Ryo Kubota</u>	Citizen of:	<u>Japan</u>
Signature:	<u></u>		
Date:	<u></u>		
Inventor two:	<u>Thomas A. Reh</u>	Citizen of:	<u>United States</u>
Signature:	<u>T. Reh</u>		
Date:	<u>4/1/04</u>		
Inventor three:	<u>Andrew J. Fischer</u>	Citizen of:	<u>Canada</u>
Signature:	<u></u>		
Date:	<u></u>		
Inventor four:	<u></u>		
Signature:	<u></u>		
<input type="checkbox"/> Additional inventors are being named on _____ additional form(s) attached hereto.			

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Docket No. 100118.401

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PTO/SB/01A (10-00)

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	METHODS AND SYSTEMS FOR EXTENDED IN VITRO CULTURE OF NEURONAL CELLS
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or

Application No. 10/618,076, filed on July 11, 2003,

as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Ryo Kubota Citizen of: Japan

Signature: _____ **Date:** _____

Inventor two: Thomas A. Reh Citizen of: United States

Signature: _____ **Date:** _____

Inventor three: Andrew J. Fischer Citizen of: Canada

Signature: Date:

Inventor four: _____ **Citizen of:** _____

Signature: _____ **Date:** _____

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22343-1450.

O I P E
APR 05 2004
PATENT & TRADEMARK OFFICE

Please type a plus sign (+) inside this box → +

EXPRESS MAIL NO. EV336613388US

PTO/SB/81 (10-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**ELECTION AND POWER OF
ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	10/618,076
Filing Date	July 11, 2003
First Named Inventor	Ryo Kubota
Group Art Unit	
Examiner Name	
Attorney Docket Number	100118.401

I hereby appoint:

Practitioners at Seed IP Law Group PLLC

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Customer Number

00500

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City		State	ZIP
Country			
Telephone		Fax	

I am the:

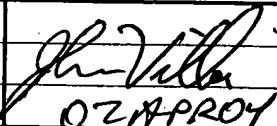
Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

As assignee of record of the entire interest I/we hereby elect, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor(s).

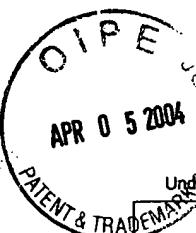
SIGNATURE of Applicant or Assignee of Record

Name	John Villa
Signature	
Date	02 APPROV

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*.

*Total of forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Ryo Kubota et al.Application No./Patent No.: 10/618,076 Filed/Issue Date: July 11, 2003Entitled: METHODS AND SYSTEMS FOR EXTENDED IN VITRO CULTURE OF NEURONAL CELLSUniversity of Washington

(Name of Assignee)

a

university

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title noted in B above are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

02 APR 2004

Date

John Villa

Typed or printed name

Signature

Licensing Officer

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



University of Washington
4311-11th Avenue N.E., Suite 500
Seattle, WA 98105-4608
TEL 206-543-3970

uwinvent@u.washington.edu
Campus mail: Box 354990
depts.washington.edu/techtran
FAX 206-685-4767



March 18, 2004

To: James Severson
Vice Provost

From: Paula Szoka *[Signature]*
Director

Re: Signature Authority

In accordance with your letter to me of October 6, 2003, delegating signature authority to me with authority to sub-delegate, I hereby sub-delegate signing authority to members of my staff as follows:

Ariadna Santander: Material Transfer Agreements
Confidentiality Agreements

Gail Y. Herman, Brad
Laesch, and Fiona
Wills: Small Entity Statements
Powers of Attorney

Marcia Kaufman, John
Villa and Paul Brynes: Small Entity Statements
Powers of Attorney
Confidentiality Agreements
Material Transfer Agreements

cc: Office of Technology Licensing staff

COPY**ASSIGNMENT**

WHEREAS, we, Ryo Kubota, Thomas A. Reh and Andrew J. Fischer (hereinafter referred to as ASSIGNSORS), having mailing addresses of 6246 45th Avenue N.E., Seattle, Washington 98115; 9006 25th Avenue N.E., Seattle, Washington 98115; and 16720 6th Avenue West, Unit E104, Lynnwood, Washington 98037, respectively, are the joint inventors of an invention entitled "METHODS AND SYSTEMS FOR EXTENDED IN VITRO CULTURE OF NEURONAL CELLS," as described and claimed in the specification for which an application for United States letters patent was filed on July 11, 2003 and assigned Application No. 10/618,076. This application claims the benefit of Provisional Application No. 60/395,973, filed on July 12, 2002.

WHEREAS, University of Washington, (hereinafter referred to as ASSIGNEE), an organization existing under the laws of the State of Washington, having a place of business at 4311 11th Avenue N.E, Suite 500, Seattle, Washington 98105-4608, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNSORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNSORS had this assignment, transfer and sale not been made. ASSIGNSORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNSORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date

Sep 2, 2003

Ryo Kubota

State of Washington)
ss.
County of King)

I certify that I know or have satisfactory evidence that Ryo Kubota is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 9-2-2003

Signature of
Notary Public Franisco Rizo

Printed Name Franisco Rizo

My appointment expires 8-9-2005



Date

Thomas A. Reh

State of _____)
ss.
County of _____)

I certify that I know or have satisfactory evidence that Thomas A. Reh is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

Date

Andrew J. Fischer

State of _____)
) ss.
County of _____)

I certify that I know or have satisfactory evidence that Andrew J. Fischer is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

COPY**ASSIGNMENT**

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Date

Ryo Kubota

State of _____)
) ss.
County of _____)

I certify that I know or have satisfactory evidence that Ryo Kubota is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

4/11/04

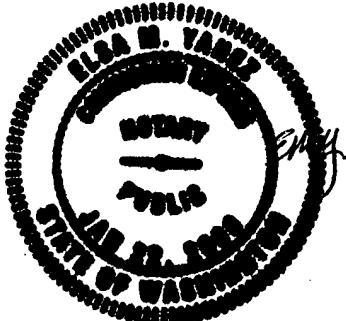
Date

Thomas A. Reh

State of Washington)
) ss.
County of King)

Thomas A. Reh

I certify that I know or have satisfactory evidence that Thomas A. Reh is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 04/01/04Signature of
Notary Public Elsa M. YanezPrinted Name Elsa M. YANEZMy appointment expires 01/22/08

Date _____

Andrew J. Fischer

State of _____)
) ss.
County of _____)

I certify that I know or have satisfactory evidence that Andrew J. Fischer is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of _____
Notary Public _____

Printed Name _____

My appointment expires _____

COPY**ASSIGNMENT**

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Date

Ryo Kubota

State of _____)
) ss.
County of _____)

I certify that I know or have satisfactory evidence that Ryo Kubota is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

Date

Thomas A. Reh

State of _____)
) ss.
County of _____)

I certify that I know or have satisfactory evidence that Thomas A. Reh is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

Mar. 25/04

Date

Andy Fischer

Andrew J. Fischer

State of Ohio)
County of Franklin) ss.

I certify that I know or have satisfactory evidence that Andrew J. Fischer is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated March 25, 2004

Signature of
Notary Public Cheryl Ring

Printed Name Cheryl Ring

My appointment expires CHERYL RING
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 03-18-08